

Amendments to and Listing of Claims

1. (Currently amended) A method for preparing a laminate, comprising the steps of providing a first laminae and a second laminae, at least said first laminae being liquid pregnable and being impregnated with a liquid adhesive composition, ~~said adhesive composition comprising hemicellulose and water~~, said first laminae being in contact with said second laminae along a bonding interface; and
at least substantially dewatering said adhesive to thereby form an adhesive bond between said first and second laminae at said bonding interface, said first laminae comprising a non-woven mat of fibers, said adhesive composition consisting essentially of hemicellulose and water.
2. (Canceled).
3. (Previously presented) A method according to claim 1, said fibers comprising glass fibers.
4. (Canceled).
5. (Canceled).
6. (Canceled).
7. (Previously presented) A method according to claim 1, wherein said adhesive composition comprises a liquid fraction derived from an alkaline cooked hemicellulose-containing agricultural residue.
8. (Canceled).
9. (Original) A method according to claim 1, said dewatering step including applying heat.
10. (Original) A method according to claim 1, including the steps of impregnating said first laminae with said adhesive, and subsequently placing said first laminae into contact with said second laminae.
11. (Original) A method according to claim 10, further including the step of impregnating said second laminae with said adhesive.
12. (Original) A method according to claim 11, wherein said second laminae is impregnated prior to placing said second laminae into contact with said first laminae.

13. (Original) A method according to claim 1, including the step of providing said first laminae in prepreg form.
14. (Original) A method according to claim 13, including the step of providing said second laminae in prepreg form.
15. (Original) A method according to claim 1, including the step of placing said first and second laminae into contact along said bonding interface prior to impregnating said first laminae with said adhesive composition.
16. (Original) A method according to claim 15, said second laminae being liquid pregnable, said method including the step of impregnating said first and second laminae with said adhesive composition after placing said first and second laminae into contact along said bonding interface.
17. (Currently amended) A method for preparing a prepreg, comprising the steps of providing a liquid pregnable substrate; and
impregnating said substrate with an adhesive composition, said adhesive composition ~~comprising~~ consisting essentially of hemicellulose and water, said first substrate comprising a non-woven mat of fibers, said hemicellulose comprising corn hull hemicellulose.
18. (Canceled).
19. (Currently amended) A method according to claim [1]17, said fibers comprising glass fibers.
20. (Canceled).
21. (Original) A method according to claim 17, said adhesive composition comprising one or more bonding agents and water, said hemicellulose being present in said adhesive composition in an amount of at least 10% by dry weight of said one or more bonding agents.
22. (Original) A method according to claim 21, said hemicellulose being present in an amount of at least 50% by dry weight of said one or more bonding agents.

23. (Original) A method according to claim 21, wherein said adhesive composition comprises a liquid fraction derived from an alkaline cooked hemicellulose-containing agricultural residue.

24. (Original) A method according to claim 23, wherein said adhesive composition consists essentially of hemicellulose and water.

25-40 (Canceled).

41. (Currently amended) A method for preparing a laminate, comprising the steps of providing a first laminae and a second laminae, at least said first laminae being liquid pregnable and being impregnated with a liquid adhesive composition, said adhesive composition ~~comprising~~ consisting essentially of hemicellulose and water, said first laminae being in contact with said second laminae along a bonding interface; and at least substantially dewatering said adhesive to thereby form an adhesive bond between said first and second laminae at said bonding interface, said first laminae comprising a non-woven mat of fibers, said hemicellulose comprising corn hull hemicellulose.

42. (Previously presented) A method according to claim 41, said fibers comprising glass fibers.

43. (Previously presented) A method according to claim 41, said adhesive composition comprising one or more bonding agents and water, said hemicellulose being present in said adhesive composition in an amount of at least 10% by dry weight of said one or more bonding agents.

44. (Previously presented) A method according to claim 43, said hemicellulose being present in an amount of at least 50% by dry weight of said one or more bonding agents.

45. (Canceled)

46. (Previously presented) A method according to claim 41, said dewatering step including applying heat.

47. (Previously presented) A method according to claim 41, including the steps of impregnating said first laminae with said adhesive, and subsequently placing said first laminae into contact with said second laminae.

48. (Previously presented) A method according to claim 47, further, including the step of impregnating said second laminae with said adhesive.
49. (Previously presented) A method according to claim 48, wherein said second laminae is impregnated prior to placing said second laminae into contact with said first laminae.
50. (Previously presented) A method according to claim 41, including the step of providing said first laminae in prepreg form.
51. (Previously presented) A method according to claim 50, including the step of providing said second laminae in prepreg form.
52. (Previously presented) A method according to claim 41, including the step of placing said first and second laminae into contact along said bonding interface prior to impregnating said first laminae with said adhesive composition.
53. (Previously presented) A method according to claim 52, said second laminae being liquid pregnable, said method including the step of impregnating said first and second laminae with said adhesive composition after placing said first and second laminae into contact along said bonding interface.
54. (New) A method for preparing a laminate, comprising the steps of
providing a first laminae and a second laminae, at least said first laminae comprising a non-woven mat of fibers and being liquid pregnable and being impregnated with a liquid adhesive composition, said adhesive composition comprising corn hull hemicellulose and water, the hemicellulose being present in an amount of at least 45% by dry weight of the bonding agent in the adhesive composition, said first laminae being in contact with said second laminae along a bonding interface; and
at least substantially dewatering said adhesive to thereby form an adhesive bond between said first laminae and said second laminae at said bonding interface.
55. (New) A method according to claim 54, said fibers comprising glass fibers.
56. (New) A method according to claim 54, wherein said adhesive composition comprises a liquid fraction derived from an alkaline cooked corn hull residue.
57. (New) A method according to claim 54, said dewatering step including applying heat.

58. (New) A method according to claim 54, including the steps of impregnating said first laminae with said adhesive, and subsequently placing said first laminae into contact with said second laminae.
59. (New) A method according to claim 54, said hemicellulose being present in an amount of at least 50% by dry weight of the bonding agent in the adhesive.
60. (New) A method for preparing a prepreg, comprising the steps of:
providing a liquid pregnable substrate comprising a non-woven mat of fibers; and
impregnating said substrate with an adhesive composition, said adhesive composition comprising corn hull hemicellulose and water, said hemicellulose being present in an amount of at least 45% by dry weight of said adhesive composition.
59. (New) A method according to claim 60, said hemicellulose being present in an amount of at least 50% by dry weight of the bonding agent in the adhesive.